










FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P23701.P8Application No.
10/646,895

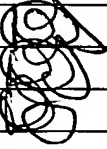




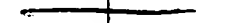
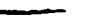

INFORMATION DISCLOSURE STATEMENT
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Applicant
Hiroshi NOMURAFiling Date
August 25, 2003Group
2851


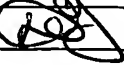
U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4 7 9 1 4 4 1	12/13/88	NISHI et al.			
	3 3 7 7 4 2 7	04/09/68	FISCHER			
	4 5 9 7 6 5 7	07/1/1986	WAKABAYASHI			
	5 7 1 5 4 8 2	02/03/98	WAKABAYASHI			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	8 - 3 1 3 7 9 0	11/29/94	JAPAN			
	6 - 2 3 0 2 6 3	08/19/94	JAPAN			
	10 - 2 5 4 0 5 4	09/25/98	JAPAN			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English language Abstract of JP 8-313790.
	2	English language Abstract of JP 6-230263.
	3	English language Abstract of JP10-254054.
	4	English language Abstract of JP2003-149723.

EXAMINER

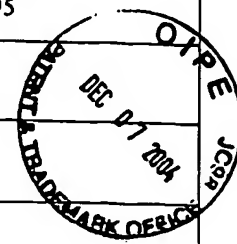


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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CL AS S	SUBCLASS	FILING DATE IF APPROPRIATE
		4 9 5 2 9 5 5	08/28/90	IWATA et al.	1		
		4 9 3 7 6 0 9	06/26/90	WAKABAYASHI et al.	1		
		5 9 0 9 6 0 0	06/01/99	KOSAKO	1		
		4 5 4 5 6 6 1	10/08/85	HAMAGUCHI et al.	1		
		5 7 9 0 9 1 1	08/04/98	REIBL	1		
		5 7 9 0 9 0 7	08/04/98	REIBL	1		

FOREIGN PATENT DOCUMENTS

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		0 5 9 8 7 0 3	05/25/94	E.P.O	1		
	9	- 1 5 6 8 2	01/17/97	JAPAN	1		
		0 8 1 0 4 6 6	03/12/97	E.P.O	1		
		3 3 1 7 9 9 9	11/24/83	GERMANY	1		
	1	9 6 2 3 0 6 6	12/11/97	GERMANY	1		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	English language Abstract of JP 9-15682.

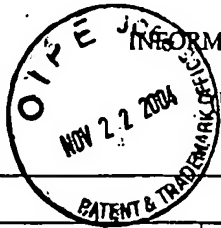
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	4 9 3 7 6 0 9	06/26/90	WAKABAYASI et al.			
	4 9 7 4 9 4 9	12/04/90	TANAKA			
	5 0 9 9 2 6 3	03/24/92	MATSUMOTO et al.			
	5 2 1 0 6 4 4	05/11/93	NOMURA			
	5 3 7 6 9 8 3	12/27/94	YAMAZAKI et al.			
	5 6 3 6 0 6 2	06/03/97	OKUYAMA et al.			
	5 8 7 0 2 3 2	02/09/99	TSUJI et al.			
	5 9 1 2 7 7 2	06/15/99	AOKI			
	5 9 2 6 3 2 2	07/20/99	IWASAKI			
	6 4 9 0 0 9 9	12/03/02	SASAKI			
	6 5 7 0 7 1 8	05/27/03	NOMURA et al.			
	6 6 1 1 6 6 3	08/26/03	NAKAGAWA			
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2002/	0 1 8 1 9 5 3	12/05/02	ICHINOKAWA			
2003/	0 0 0 7 7 9 6	01/09/03	NOMURA et al.			
	6 6 6 5 1 2 9	12/16/03	NOMURA et al.			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1	An English language translation of Japanese Laid-Open Patent Publication No. 2002-277719, which was published on September 25, 2002.
	2	Pentax Press News, "Pentax Optio S", February 4, 2003, together with an English language translation of the same.
	3	Digital CAPA March 2003, Which was publicly released on February 20, 2003, together with an English language translation of the same.
	4	Pentax News Release, "A High-Quality Zoom Lens Digital Camera so Small that it Fits into a Tin of Altoids", January 8, 2003.

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